

Amendments to the CLAIMS:

Without prejudice, this listing of the claims replaces all prior versions and listings of the claims in the present application:

LISTING OF CLAIMS:

1. (Currently Amended) A radar antenna array comprising:
two different antenna[[s]] arrangements, both antenna arrangements having exciters, a first one of the antenna arrangements being for transmitting and a second one of the antenna arrangements being for receiving, the two antenna[[s]] arrangements have having antenna characteristics such that in which their dominant secondary lobes are mutually offset so as to have the effect that when the first one of the antennas is transmitting and emits power in its secondary lobe towards a target, the second one of the antennas that is receiving has its minimum lobe at this point and receives substantially no power from a same direction, so that the first one of the antennas that is transmitting and the second one of the antennas that is receiving point in the same direction in view of their antenna characteristics.
2. (Currently Amended) The radar antenna array according to claim 1, wherein the radar antenna array is adapted for an automotive vehicle ~~for automotive applications~~.
3. (Currently Amended) The radar antenna array according to claim 1, wherein the antenna characteristics of the two antenna[[s]] arrangements are such that their dominant secondary lobes are mutually offset and their maximum[[s]] and minimum[[s]] lobes are mutually suppressed.
4. (Currently Amended) The radar antenna array according to claim 1, further comprising an additional receiving antenna arrangement, having a different antenna characteristic, for evaluating a target situation by superimposing two receiving antenna characteristics, to detect a large target in a secondary lobe.
5. (Currently Amended) The radar antenna array according to claim 1, wherein the antenna[[s]] arrangements include patch exciters.
6. (Original) The radar antenna array according to claim 1, further comprising beam forming networks for mutual suppression of the dominant secondary lobes.
7. (Currently Amended) The radar antenna array according to claim 1, further comprising antenna columns having individual patch exciters provided for the antenna[[s]] arrangements.

8. (Currently Amended) The radar antenna array according to claim 1, further comprising a weighting device for amplitude compensation of secondary lobe signals to ~~achieve a complete obliteration of~~ mutually offset the dominant secondary lobes.

9. (Currently Amended) The radar antenna array according to claim 1, ~~further comprising e~~ receiving wherein the second one of the antenna arrangements include having additional exciters for suppressing secondary lobes.

10. (Original) The radar antenna array according to claim 1, further comprising different phase controls of antenna exciters for transmitting and receiving.